

1. An airbag module vibration gasket comprising:
a first surface that is attachable to an airbag inflator;
a second surface that is attachable to an airbag mounting plate; and
at least one foil strip having an inflator interface area and a mounting plate
5 interface area, the inflator interface area being positionable between the first surface and
the inflator, the mounting plate interface area being positionable between the second
surface and the mounting plate.

10 2. A vibration gasket as in claim 1 wherein the gasket is ring-shaped.

3. A vibration gasket as in claim 1 wherein the gasket is designed to encircle
a bottom portion of the inflator.

15 4. A vibration gasket as in claim 1 wherein the first surface is attachable to
the inflator via a first adhesive.

5. A vibration gasket as in claim 4 wherein the first adhesive is electrically
non-conductive.

20 6. A vibration gasket as in claim 5 wherein the first adhesive is a contact
adhesive.

7. A vibration gasket as in claim 1 wherein the second surface is attachable to the mounting plate via a second adhesive.

5 8. A vibration gasket as in claim 7 wherein the second adhesive is an electrically non-conductive adhesive.

9. A vibration gasket as in claim 8 wherein the second adhesive is a contact adhesive.

10 10. A vibration gasket as in claim 1 wherein the first surface is attachable to the inflator via a first adhesive and the second surface is attachable to the mounting plate via a second adhesive.

15 11. A vibration gasket as in claim 1 wherein the inflator interface area is held between the first surface and the inflator.

12. A vibration gasket as in claim 11 wherein the inflator interface area is bonded to the inflator via a first electrically conductive adhesive.

20 13. A vibration gasket as in claim 12 wherein the first electrically conductive adhesive is a contact adhesive.

14. A vibration gasket as in claim 1 wherein the mounting plate interface area is held between the second surface and the mounting plate.

15. A vibration gasket as in claim 14 wherein the mounting plate interface area is bonded to the mounting plate via a second electrically conductive adhesive.

16. A vibration gasket as in claim 14 wherein the second electrically conductive adhesive is a contact adhesive.

17. A vibration gasket as in claim 1 wherein the inflator interface area is bonded to the inflator and the mounting plate interface area is bonded to the mounting plate.

18. A vibration gasket as in claim 1 wherein the foil strip wraps around a portion of the gasket.

19. A vibration gasket as in claim 1 wherein the foil strip is made of an electrically conductive metal.

20. A vibration gasket as in claim 1 wherein the foil strip operates to electrically ground the inflator.

21. A vibration gasket as in claim 1 wherein the gasket is made of a cellular urethane material.

5 22. A vibration gasket as in claim 1 wherein the gasket is made of a elastomeric material.

23. An airbag module vibration gasket comprising:
a first surface that is attachable to an airbag inflator via the inflator flange;
a second surface that is attachable to an airbag mounting plate; and
at least one foil strip having an inflator interface area and a mounting plate
5 interface area, the inflator interface area being positionable between the first surface and
the inflator, the mounting plate interface area being positionable between the second
surface and the mounting plate.

24. A vibration gasket as in claim 23 wherein the first surface is attached to
10 the inflator flange via a first adhesive.

25. A vibration gasket as in claim 23 wherein the second surface is attached to
the mounting plate via a first adhesive.

26. A vibration gasket as in claim 23 wherein the first surface is attached to
15 the inflator flange via a first adhesive and the second surface is attached to the mounting
plate via a second adhesive.

27. A vibration gasket as in claim 26 wherein the first adhesive and the second
20 adhesive are electrically non-conductive.

28. A vibration gasket as in claim 26 wherein the first adhesive and the second adhesive are contact adhesives.

29. A vibration gasket as in claim 23 wherein the inflator interface area is attached to the inflator flange via a first electrically conductive adhesive.

30. A vibration gasket is claim 29 wherein the first electrically conductive adhesive comprises one or more fibers.

31. A vibration gasket as in claim 23 wherein the mounting plate interface area is attached to the mounting plate via a second electrically conductive adhesive.

32. A vibration gasket as in claim 31 wherein the second electrically conductive adhesive comprises one or more fibers.

33. A vibration gasket as in claim 23 wherein foil strips operate to electrically ground the inflator.

34. A vibration gasket as in claim 23 wherein the gasket is made of a cellular urethane material.

35. A vibration gasket as in claim 23 wherein the gasket includes two foil strips that wrap around a portion of the gasket.

36. A method for dampening the vibration or movement of a steering wheel,
the method comprising:

obtaining a vibration gasket, the vibration gasket comprising a first surface that is
attachable to an inflator, a second surface that is attachable to a mounting plate, and at
least one foil strip having an inflator interface area and a mounting plate interface area,
the inflator interface area being positionable between the first surface and the inflator and
the mounting plate interface area being positionable between the second surface and the
mounting plate; and

installing the gasket onto the steering wheel.

37. A method as claim 36 further comprising the step of tuning the gasket to
provide optimal dampening of the steering wheel.

38. A method as in claim 37 wherein the tuning step comprises adjusting the
size of the gasket.

39. A method as in claim 37 wherein the tuning step comprises adjusting the
shape of the gasket.